

I claim:

- 1 1. A boat lift controller, comprising:
  - 2 a control unit for controlling the operation of the boat lift; and
  - 3 a removable battery assembly unit operatively engaged with said control unit, the
  - 4 battery assembly unit comprising:
    - 5 a rechargeable battery for providing power to the controller; and
    - 6 at least some of the circuitry necessary for controller operation.
- 1 2. A boat lift controller according to claim 1, wherein
  - 2 the at least some circuitry in the battery assembly unit comprises a switch for
  - 3 directing the lift up and down.
- 1 3. A boat lift controller according to claim 1 or claim 2, wherein:
  - 2 the control unit further comprises a lock that enables operation of the lift
  - 3 controller only when a matching key is operatively engaged with the lock; and
  - 4 the battery assembly unit further comprises a key matching the lock in the control
  - 5 unit, the key fashioned operatively to engage the lock, enabling lift operation when the
  - 6 battery assembly unit is engaged in the control unit.
- 1 4. A boat lift controller according to claim 1, further comprising
  - 2 a locking means for enabling operation of the lift, the locking means comprising a
  - 3 key in the battery assembly unit that engages a lock in the control unit unlocking the
  - 4 locking means, thereby enabling operation of the lift.
- 1 5. A control unit for a boat lift controller, comprising
  - 2 at least some but not all of the circuitry necessary for operation of a boat lift; and
  - 3 a means for operatively engaging a battery assembly unit that supplies power and
  - 4 the remaining circuitry necessary for operation of the boat lift.

- 1 6. A control unit for a boat lift controller according to claim 5, further comprising:  
2 a locking means for enabling operation of the lift only when a matching key in an  
3 operatively engaged battery assembly unit is operatively engaged with the control unit.
- 1 7. A battery assembly for a boat lift controller, comprising:  
2 a rechargeable battery;  
3 a means for operatively engaging and supplying power to a control unit for the  
4 boat lift controller; and  
5 at least some of the circuitry necessary for the operation of the boat lift controller,  
6 whereby, when the battery assembly is operatively engaged with and powering the control  
7 unit, the boat lift controller is operational.
- 1 8. A battery assembly for a boat lift controller according to claim 7, further comprising  
2 a key that enables operation of the lift only when the battery assembly is  
3 operatively engaged with the control unit.
- 1 9. A battery assembly for a boat lift controller according to claim 7 or claim 8, wherein:  
2 the circuitry necessary for the operation of the boat lift controller comprises a  
3 switch for directing the lift up and down.
- 1 10. A battery assembly for a boat lift controller according to claim 7, wherein:  
2 the rechargeable battery is removable from the battery assembly.